

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)
4211.6US (99-0218.06/US)101608749
Application Number
~~To be assigned~~

Applicants Grigg et al.

Filing Date
June 26, 2003Group Art Unit 1732
~~To be assigned~~

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LBT	814,592	03/1906	Duane			
	3,835,564	09/1974	Gottschalk			
	4,246,307	01/1981	Trautwein			
	4,375,025	02/1983	Carlson			
	4,585,931	04/1986	Duncan et al.			
	4,638,144	01/1987	Latta, Jr.			
	4,707,722	11/1987	Folk et al.			
	4,719,502	01/1988	Ikeya et al.			
	4,753,863	06/1988	Spanjer			
	4,861,620	08/1989	Azuma et al.			
V	4,936,606	06/1990	Moss			
LBT	4,945,204	07/1990	Nakamura et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
LBT	01244631 A	09/1989	Japan				
LBT	WO 98/21626 A1	05/1998	Pat WIPO				

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

LEO B. TENTONI

DATE CONSIDERED

06/07/2004

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 4211.6US (99-0218.06/US)		107608749 Application Number To be assigned	
				Applicants Grigg et al.			
				Filing Date Jun 26, 2003		Group Art Unit 1732 To be assigned	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LBT	5,173,220	12/1992	Reiff et al.			
	5,264,061	11/1993	Juskey et al.			
	5,278,442	01/1994	Prinz et al.			
	5,329,090	07/1994	Woelki et al.			
	5,357,077	10/1994	Tsuruta			
	5,484,314	01/1996	Farnworth			
	5,562,993	10/1996	Hotta			
	5,691,023	11/1997	Keller			
	5,705,117	01/1998	O'Connor et al.			
	5,770,288	06/1998	Carney, Jr.			
✓	5,981,013	11/1999	Russ et al.			
LBT	5,985,510	11/1999	Akutsu et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LBT	6,153,034	11/2000	Lipsker			
	6,242,076 B1	06/2001	Andriash			
	6,270,712 B1	08/2001	Shoji et al.			
✓	6,278,193 B1	08/2001	Coico et al.			
LBT	6,420,790 B1	07/2002	Koizumi et al.			

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PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

4

Complete if Known

Application Number

10/608.749

Filing Date

June 26, 2003

First Named Inventor

Grigg et. al.

Group Art Unit

1732

Examiner Name

~~Unknown~~ TENTONI

Attorney Docket Number

4211.6US (99-0218.06/US)

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Signature**

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 4

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Application Number	10/608,749
Filing Date	June 26, 2003
First Named Inventor	Grigg et. al.
Group Art Unit	1732
Examiner Name	Unknown TENTONI
Attorney Docket Number	4211.61US (99-0218.06/US)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
LBT		U.S. Patent Application Publication No. 2002/0066966 A1 to Farnworth, dated June 6, 2002 ,	—
		U.S. Patent Application Publication No. 2002/0098623 A1 to Akram, dated July 25, 2002 ,	—
		U.S. Patent Application Publication No. 2002/0171177 A1 to Kritchman et al., dated November 21, 2002 ,	—
		U.S. Patent Application Publication No. 2002/0182782 A1 to Farnworth, dated December 5, 2002 ,	—
		U.S. Patent Application Publication No. 2003/0003180 A1 to Farnworth et al., dated January 2, 2003 ,	—
		U.S. Patent Application Publication No. 2003/0003380 A1 to Farnworth et al., dated January 2, 2003 ,	—
		U.S. Patent Application Publication No. 2003/0003405 A1 to Farnworth et al., dated January 2, 2003 ,	—
		U.S. Patent Application Publication No. 2003/0043360 A1 to Farnworth et al., dated March 6, 2003 ,	—
		U.S. Patent Application Publication No. 2003/0068584 A1 to Farnworth et al., dated April 10, 2003 ,	—
↓		U.S. Patent Application Publication No. 2003/0089999 A1 to Akram, dated May 15, 2003 ,	—
LBT		U.S. Patent Application Publication No. 2003/0092220 A1 to Akram, dated May 15, 2003 ,	—

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Signature

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Sheet 3 of 4

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First Named Inventor	Grigg et. al.
Group Art Unit	1732
Examiner Name	Unknown TENTONI
Attorney Docket Number	4211.6LIS (99-0218.06/LIS)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
LBT		U.S. Patent Application Publication No. 2003/0093173 A1 to Farnworth et al., dated May 15, 2003 ,	—
		U.S. Patent Application Publication No. 2003/0102566 A1 to Farnworth, dated June 5, 2003 ,	—
		U.S. Patent Application Publication No. 2003/0129787 A1 to Farnworth, dated July 10, 2003 ,	—
		U.S. Patent Application Publication No. 2003/0151167 A1 to Kritchman et al., dated August 14, 2003 ,	—
		U.S. Patent Application Publication No. 2003/0201531 A1 to Farnworth et al., dated October 30, 2003 ,	—
		U.S. Patent Application Publication No. 2003/0203158 A1 to Farnworth et al., dated October 30, 2003 ,	—
		U.S. Patent Application Publication No. 2003/0207213 A1 to Farnworth, dated November 6, 2003 ,	—
		MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22 ,	—
		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16 ,	—
		Webpage, Objet Prototyping the Future, Objet FullCure700 Series, 1 page (UNDATED).	—
LBT		Webpage, Objet Prototyping the Future, How it Works, 2 pages (UNDATED).	—

Examiner Signature	LEO B. TENTONI	Date Considered	06/07/2004
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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LBT		U.S. Patent Application No. 09/589,841, filed June 8, 2000, entitled "Stereolithographic Methods for Forming a Protective Layer on a Semiconductor Device Substrate and Substrates Including Protective Layers So Formed", inventor Farnworth et al.	—
		U.S. Patent Application No. 09/651,930, filed August 31, 2000, entitled "Semiconductor Device Including Leads in Communication with Contact Pads Thereof and a Stereolithographically Fabricated Package Substantially Encapsulating the Leads and Methods for Fabricating the Same", inventor Salman Akram	—
		U.S. Patent Application No. 10/370,755, filed February 20, 2003, entitled "Chip Scale Package Structures and Method of Forming Conductive Bumps Thereon", inventor Warren M. Farnworth	—
		U.S. Patent Application No. 10/619,918, filed July 15, 2003, entitled "Stereolithographic Methods for Fabricating Hermetic Semiconductor Device Packages and Semiconductor Devices Including Stereolithographically Fabricated Hermetic Packages", inventor Warren M. Farnworth	—
↓		U.S. Patent Application No. 10/672,098, filed September 26, 2003, "Apparatus and Methods for Use in Stereolithographic Processing of Components and Assemblies", inventor Warren M. Farnworth	—
LBT		U.S. Patent Application No. 10/690,417, filed October 20, 2003, entitled "Methods of Coating and Singulating Wafers and Chip-Scale Packages Formed Therefrom", inventor Farnworth et al.	—

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